

Mountain Village - St. Mary's Wind Intertie**FY2019 Request: \$2,042,431**
Reference No: 61908**AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Mountain Village**House District:** Bering Straits/Yukon Delta
(HD 39)**Impact House District:** Bering Straits/Yukon Delta
(HD 39)**Contact:** John Springsteen**Estimated Project Dates:** 07/01/2018 - 06/30/2023 **Contact Phone:** (907)331-7000**Appropriation:** Alaska Energy Authority - Round IX Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

Alaska Village Electric Cooperative, Inc. (AVEC) will construct an electrical intertie to connect Mountain Village to the St. Mary's/Pitka's Point Wind Energy Project. The intertie will include 16.1 miles of new overhead power line along the existing gravel road between the St. Mary's Airport and the Mtn. Village Airport. The project will also include upgrading four miles of existing electrical distribution system near both communities. The existing power plant in Mountain Village will be put into standby mode, with installation of an electric boiler to keep the existing generators warm. This intertie project will enable the community of Mountain Village to benefit from the new regional wind energy system.

| Funding: | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | Total |
|--------------------|--------------------|---------------|---------------|---------------|---------------|---------------|--------------------|
| 1210 Renew Ener | \$2,042,431 | | | | | | \$2,042,431 |
| Total: | \$2,042,431 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,042,431 |

| | | | | |
|---|--|---------------------------------------|---|-----------------------------------|
| <input type="checkbox"/> State Match Required | <input checked="" type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input type="checkbox"/> Amendment | <input type="checkbox"/> Mental Health Bill | |

Operating & Maintenance Costs:

| | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 0 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information: